**HALLIBURTON**

2"=100' 5"=100'

# DUAL INDUCTION GUARD

COMPANY TRANS-PACIFIC GEOTH
WELL TGC 61-10
FIELD VALE
COUNTY MALHEUR STATE OR

COMPANY TRANS-PACIFIC GEOTHERMAL CORP.
WELL TGC 61-10
FIELD VALE
COUNTY MALHEUR STATE OR
API NO N.A.
LOCATION
43 FEET SOUTH AND
1525 FEET WEST FROM
THE NORTHEAST CORNER OF:
SECT 10 TWP 19S. RGE 45E.

OTHER SERVICES
TEMP
FACT

PERMANENT DATUM G.L. ELEV. 2580.0
LOG MEASURED FROM K.B. 11.0 FT.ABOVE PERM DATUM
DRILLING MEASURED FROM KELLY BUSHING

ELEV.:K.B. 2591.0
D.F. ------
G.L. 2580.0

| | | | | |
|---|---|---|---|---|
| DATE | 4/17/95 | | | |
| RUN NO. | ONE | | | |
| DEPTH-DRILLER | 3112 | | | |
| DEPTH-LOGGER | 3092 | | | |
| BTM. LOG INTER | 3090 | | | |
| TOP LOG INTER | CASING | | | |
| CASING DRILLER | 7.000@ 509 | @ | @ | @ |
| CASING-LOGGER | 510 | | | |
| BIT SIZE | 6.000 | | | |
| TYPE FLUID IN HOLE | GEL/PLY/LCM | | | |
| DENS. : VISC. | 8.6 : 42 | : | : | : |
| PH : FLUID LOSS | 8.0 : 11.2 | : | : | : |
| SOURCE OF SAMPLE | CIRCULATED | | | |
| RM @ MEAS. TEMP. | 8.0 @ 48 | @ | @ | @ |
| RMF @ MEAS. TEMP. | N.A. @ | @ | @ | @ |
| RMC @ MEAS. TEMP. | N.A. @ | @ | @ | @ |
| SOURCE RMF:RMC | MEAS :MEAS | : | : | : |
| RM @BHT | 1.8 @ 213 | @ | @ | @ |
| TIME SINCE CIRC. | 0130 04/17 | | | |
| TIME ON BOTTOM | 1029 04/17 | | | |
| MAX. REC TEMP. | 213 @ T.D. | @ | @ | @ |
| EQUIP.: LOCATION | 7626 :WDLND | : | : | : |
| RECORDED BY | M.SCHWARTZ | | | |
| WITNESSED BY | W.TEPLOW | R.JACOBSON | W.RICKARDS | J.FINGERS |

FOLD HERE

SERVICE TICKET NO.: 642573 API SERIAL NO.: N.A. PGM VERSION: 2.72

## CHANGE IN MUD TYPE OR ADDITIONAL SAMPLES

| | | |
|---|---|---|
| DATE:SAMPLE NO. | 04/17/95:ONE | / / : |
| DEPTH-DRILLER | SAME ABOVE | |
| TYPE FLUID IN HOLE | | |
| DENS. : VISC | : | : |
| PH : FLUID LOSS | : | : |
| SOURCE OF SAMPLE | | |
| RM @ MEAS TEMP | @ | @ |
| RMF @ MEAS TEMP | @ | @ |
| RMC @ MEAS TEMP | @ | @ |
| SOURCE: RMF:RMC | : | : |
| RM @ BHT | @ | @ |
| RMF @ BHT | @ | @ |
| RMC @ BHT | @ | @ |

## RESISTIVITY SCALE CHANGES

| TYPE LOG | DEPTH | SCALE UP HOLE | SCALE DOWN HOLE |
|---|---|---|---|
| | | | |

## RESISTIVITY EQUIPMENT DATA

| RUN NO | TOOL TYPE & NO | PAD TYPE | TOOL POS. | OTHER |
|---|---|---|---|---|
| ONE | DILT #109432 | N.A. | FREE | |
| ONE | DSGT #108932 | N.A. | FREE | |

## EQUIPMENT DATA

| GAMMA | | ACOUSTIC | | DENSITY | | NEUTRON | |
|---|---|---|---|---|---|---|---|
| RUN NO. | ONE | RUN NO. | | RUN NO. | | RUN NO. | |
| SERIAL NO. | 108581 | SERIAL NO. | | SERIAL NO. | | SERIAL NO. | |
| MODEL NO. | NGRT | MODEL NO. | | MODEL NO. | | MODEL NO. | |
| DIAMETER | 3.625" | NO.OF CENT. | | DIAMETER. | | DIAMETER | |
| DETECTOR MODEL NO. | | SPACING | | LOG TYPE | | LOG TYPE | |
| TYPE | SCINT | | | SOURCE TYPE | | SOURCE TYPE | |
| LENGTH | 4 INCH | LSA [Y/N] | | SERIAL NO. | | SERIAL NO. | |
| DISTANCE TO SOURCE | N.A. | FWDA [Y,N] | | STRENGTH | | STRENGTH | |

## LOGGING DATA

| GENERAL | | | | GAMMA | | ACOUSTIC | | | DENSITY | | | NEUTRON | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RUN | DEPTH | | SPEED | SCALE | | SCALE | | | SCALE | | | SCALE | | |
| NO | FROM | TO | FT/MIN | L | R | L | R | MATRIX | L | R | MATRIX | L | R | MATRIX |
| ONE | 3092 | 510 | 50 | 0 | 150 | | | | | | | | | |
| | | | | GAPI | GAPI | | | | | | | | | |

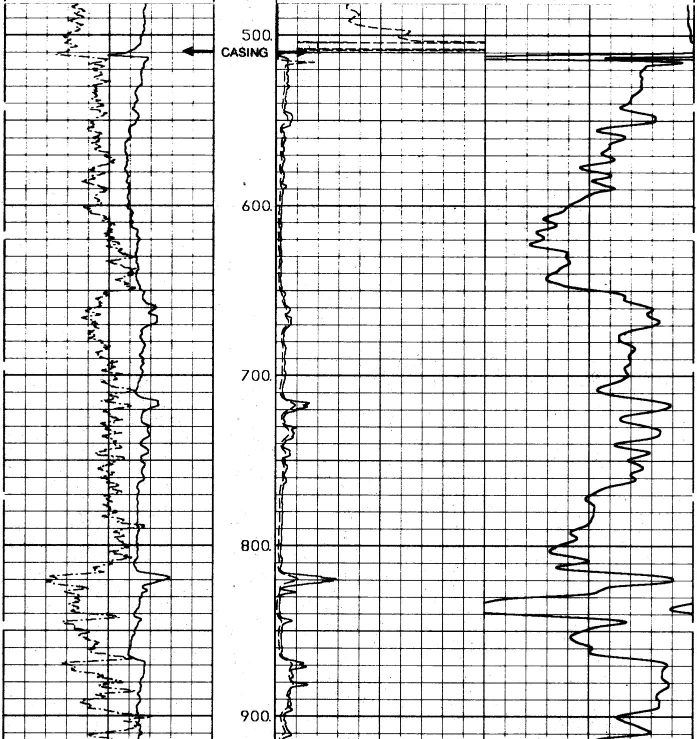
REMARKS: ANNULAR HOLE VOLUME CALCULATED FOR 4.5" CASING.
DIG/HRTT/FACT RUN IN COMBINATION.

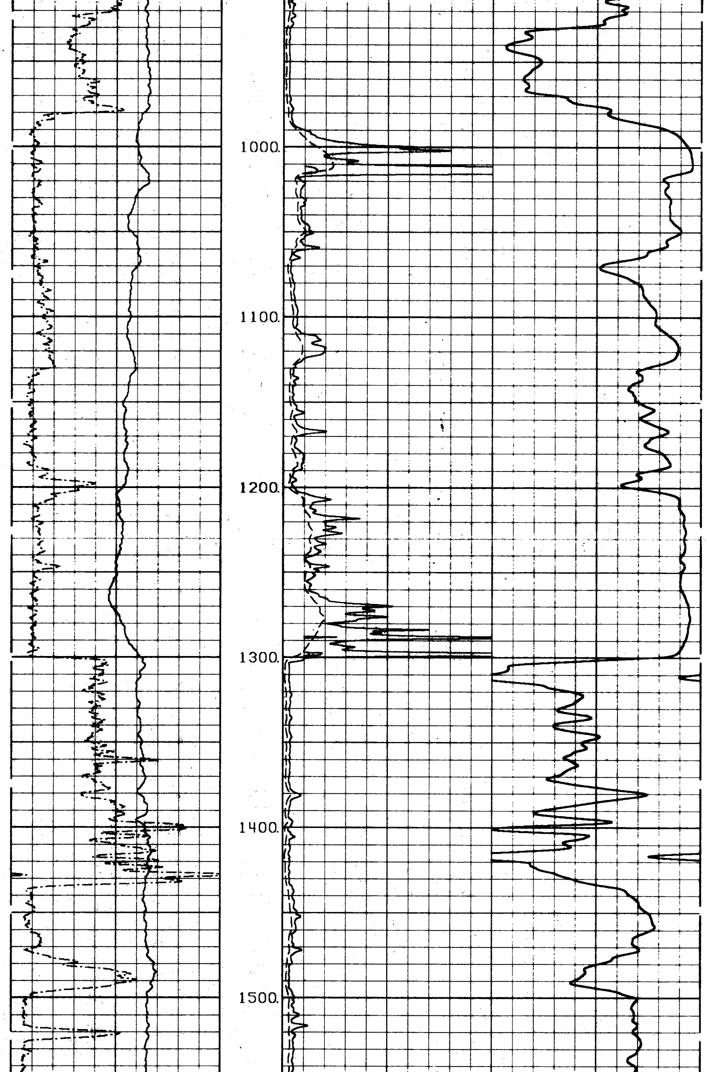
CREW ON LOCATION: M.EMERSON, W.HENDERSON RIG: TONTO

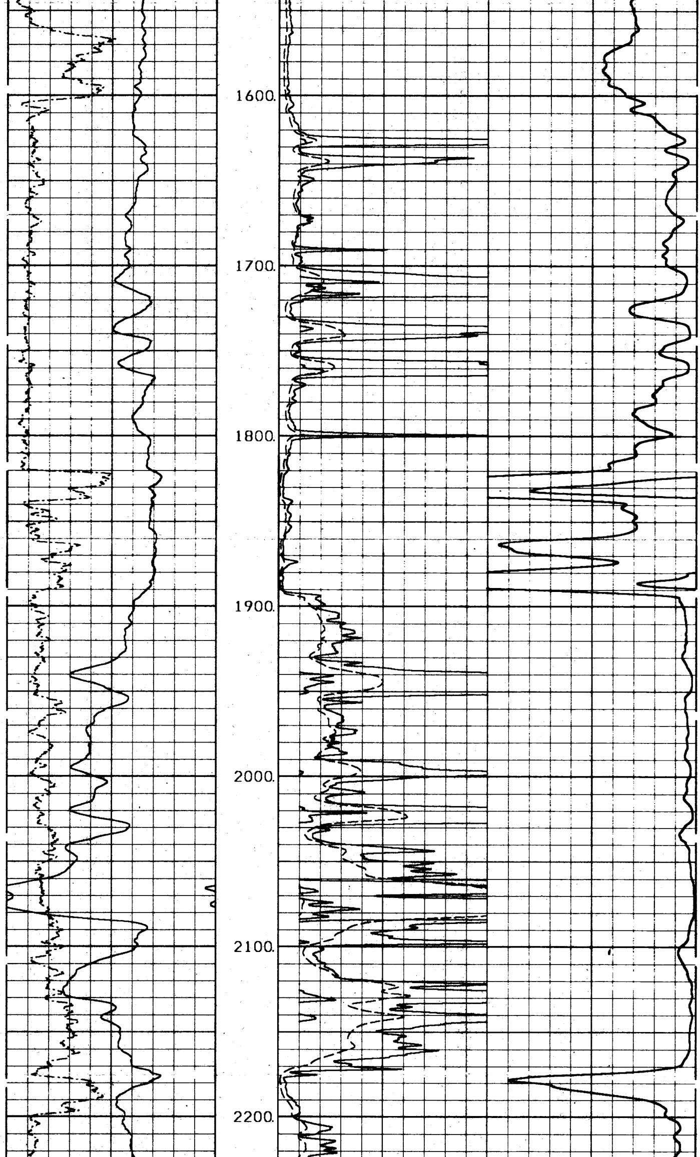
THANK YOU FOR USING HALLIBURTON.

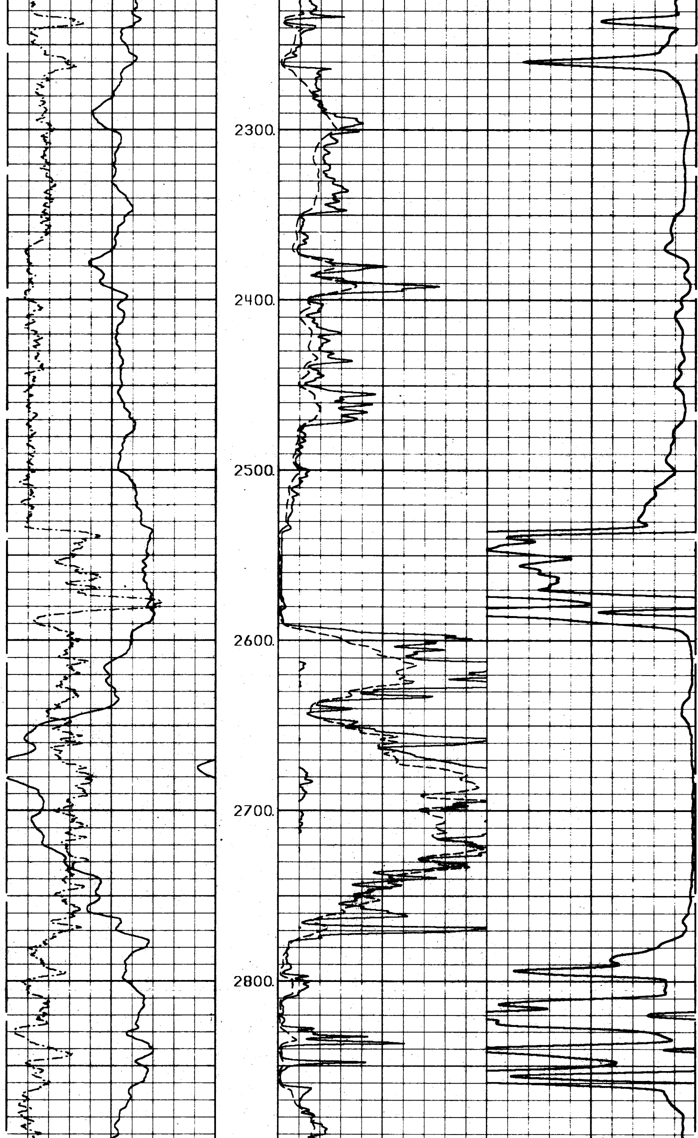
HALLIBURTON DOES NOT GUARANTEE THE ACCURACY OF ANY INTERPRETATION OF THE LOG DATA, CONVERSION OF LOG DATA TO PHYSICAL ROCK PARAMETERS OR RECOMMENDATIONS WHICH MAY BE GIVEN BY HALLIBURTON PERSONNEL OR WHICH APPEAR ON THE LOG OR IN ANY OTHER FORM. ANY USER OF SUCH DATA, INTERPRETATIONS, CONVERSIONS, OR RECOMMENDATIONS AGREES THAT HALLIBURTON IS NOT RESPONSIBLE EXCEPT WHERE DUE TO GROSS NEGLIGENCE OR WILLFUL MISCONDUCT, FOR ANY LOSS, DAMAGES, OR EXPENSES RESULTING FROM THE USE THEREOF. HALLIBURTON

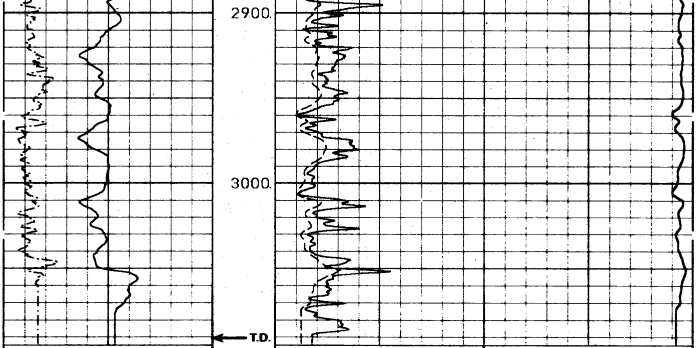
| GAMMA RAY | | GUARD | CONDUCTIVITY |
|---|---|---|---|
| 0 API COUNTS 150 | | 0 OHM-M 100 | 1000 MMHO 0 |
| SP | | DEEP IND | |
| -]10[+ | 2"=100' | 0 OHM-M 100 | |











SP

-]10[+

GAMMA RAY

0 API COUNTS 150

DEEP IND

0 OHM-M 100

GUARD

0 OHM-M 100

CONDUCTIVITY

1000 MMHO 0

UPLOG # 3 Depth: 3094.00 Service:2111. Unit:7626
Replay Log Date: 17-APR-1995 Time: 10:30:22 Vers:2.72

GAMMA RAY

0 API COUNTS 150

SP

-]10[+

DEEP IND.

0.2 OHM-M 2000

MEDIUM IND.

0.2 OHM-M 2000

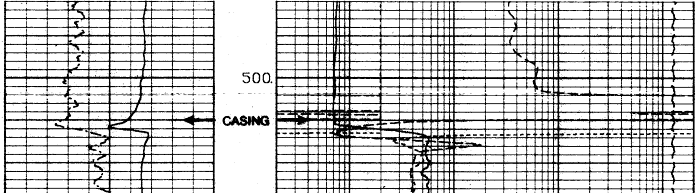
GUARD

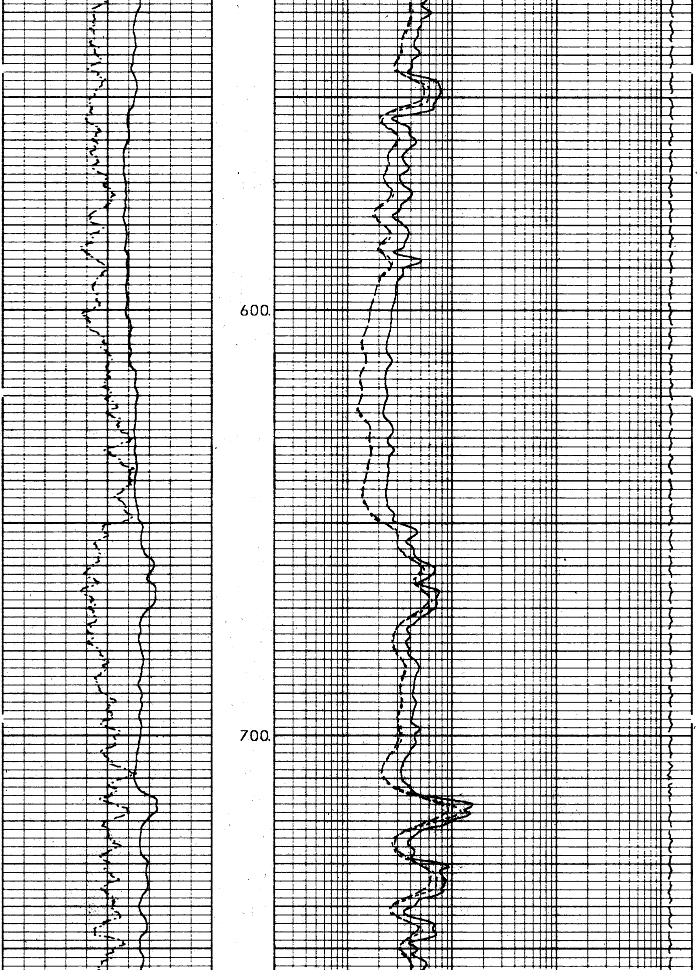
0.2 OHM-M 2000

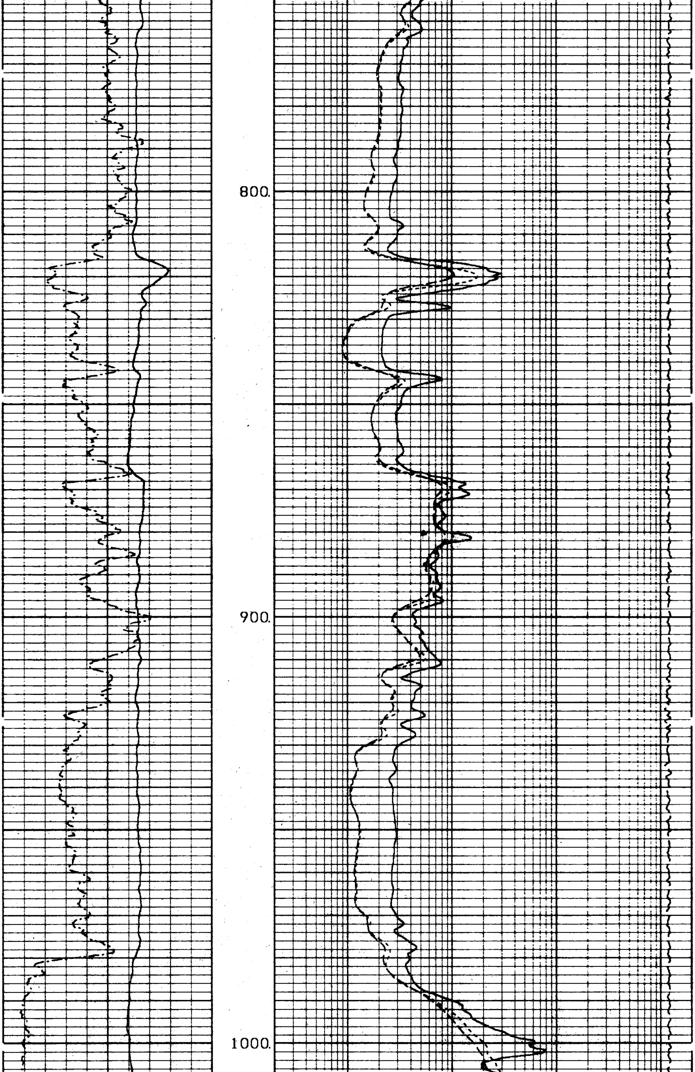
TENSION

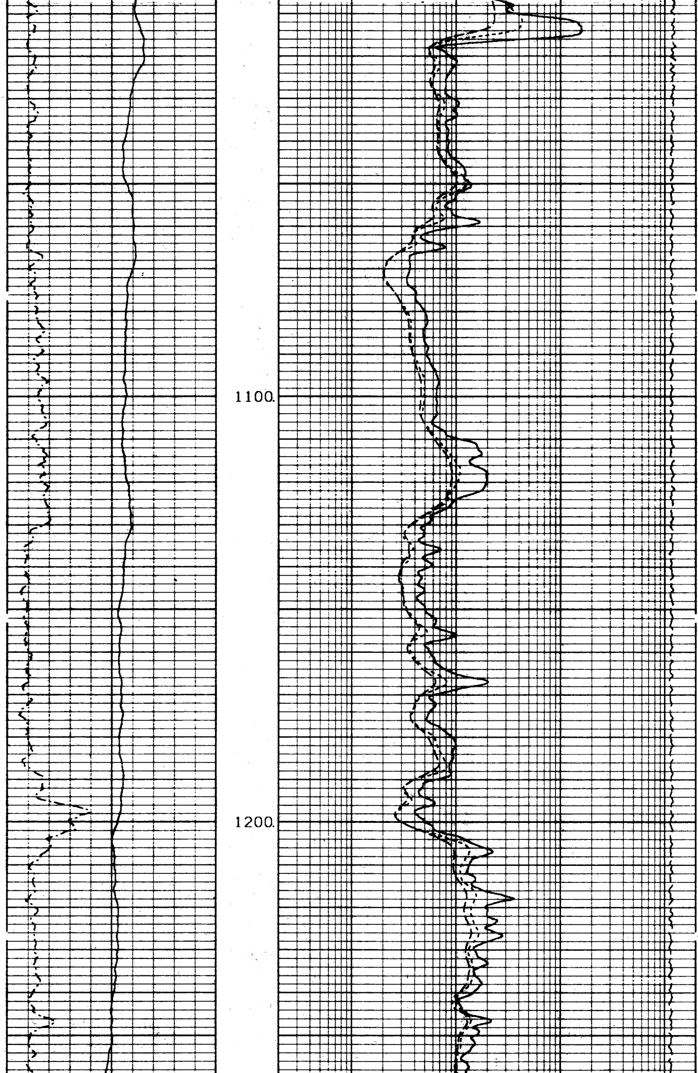
10000 POUNDS 0

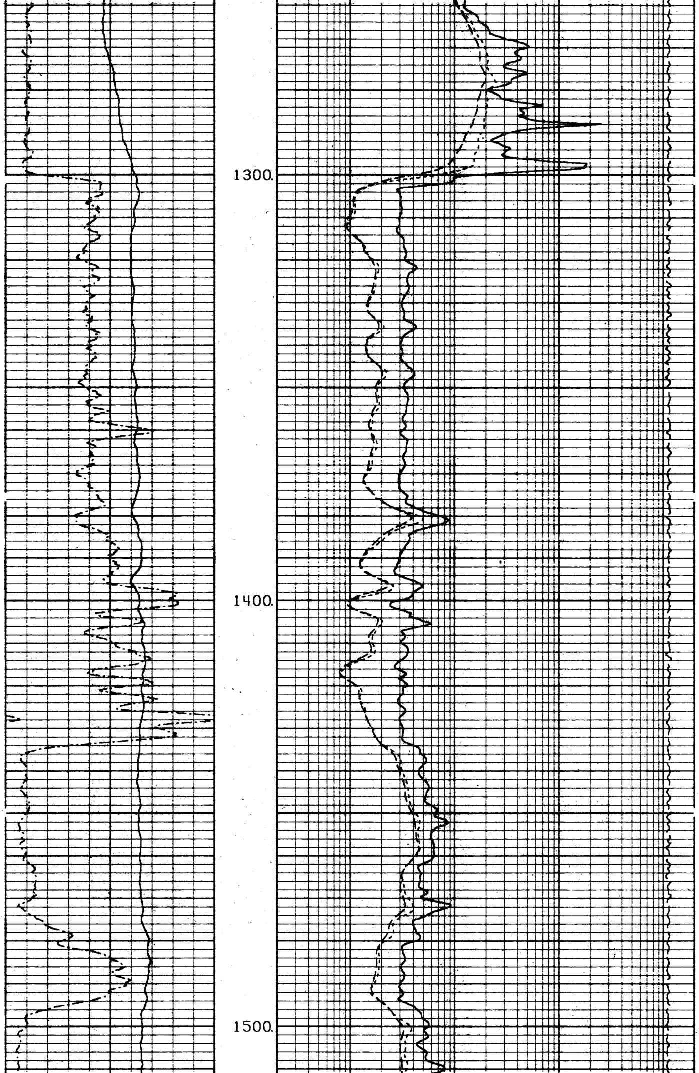
5"=100'

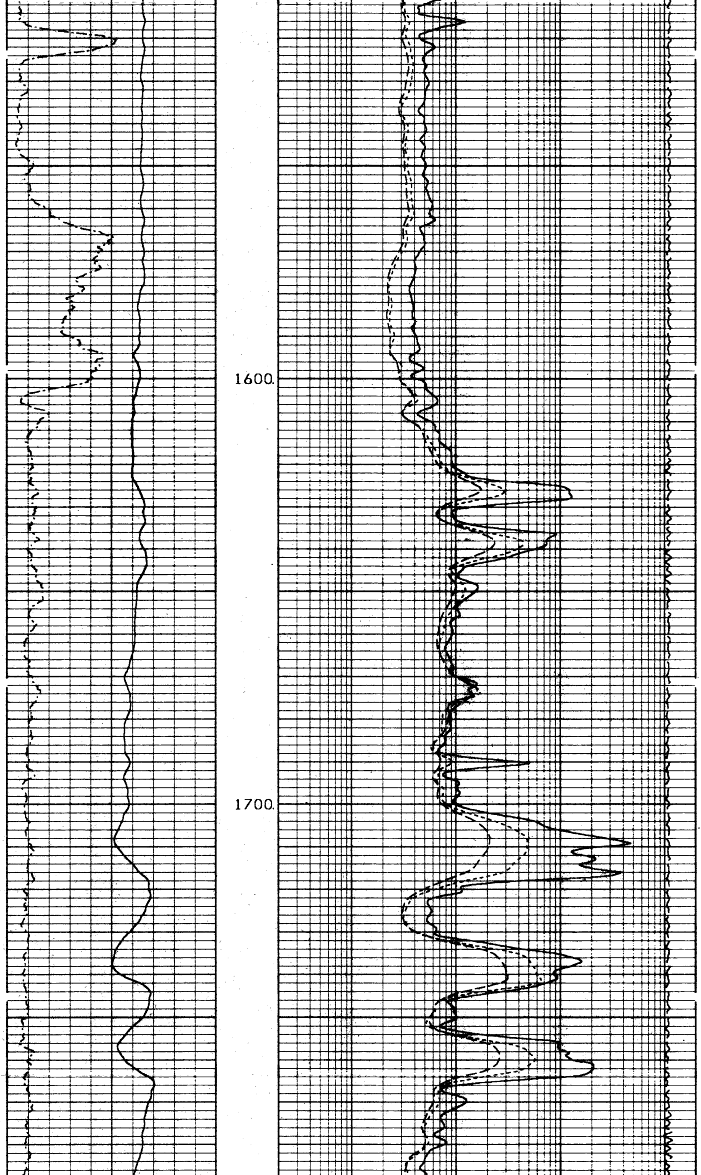


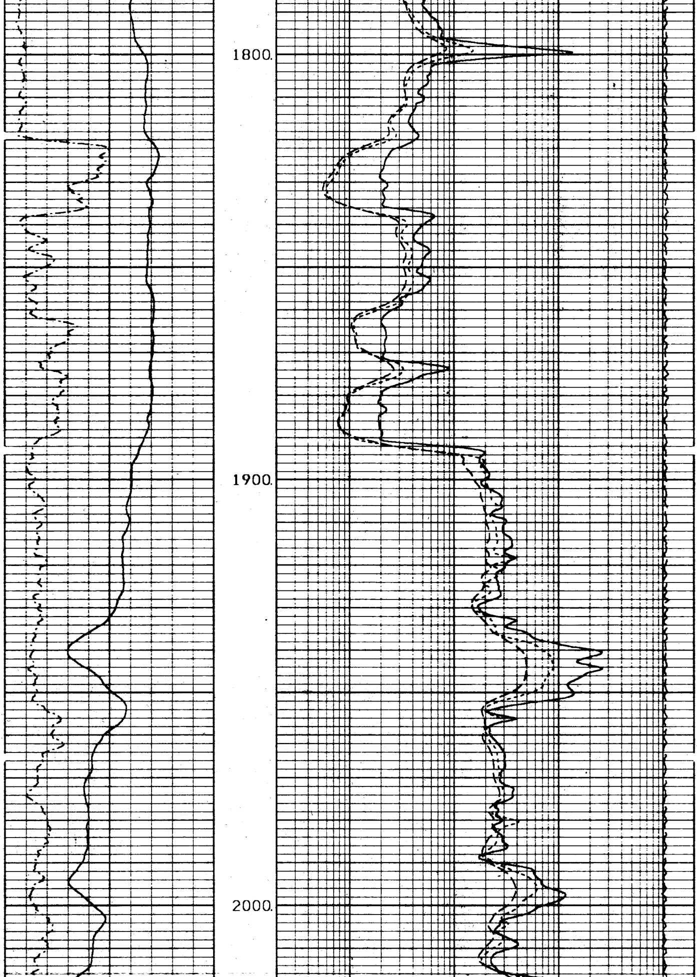


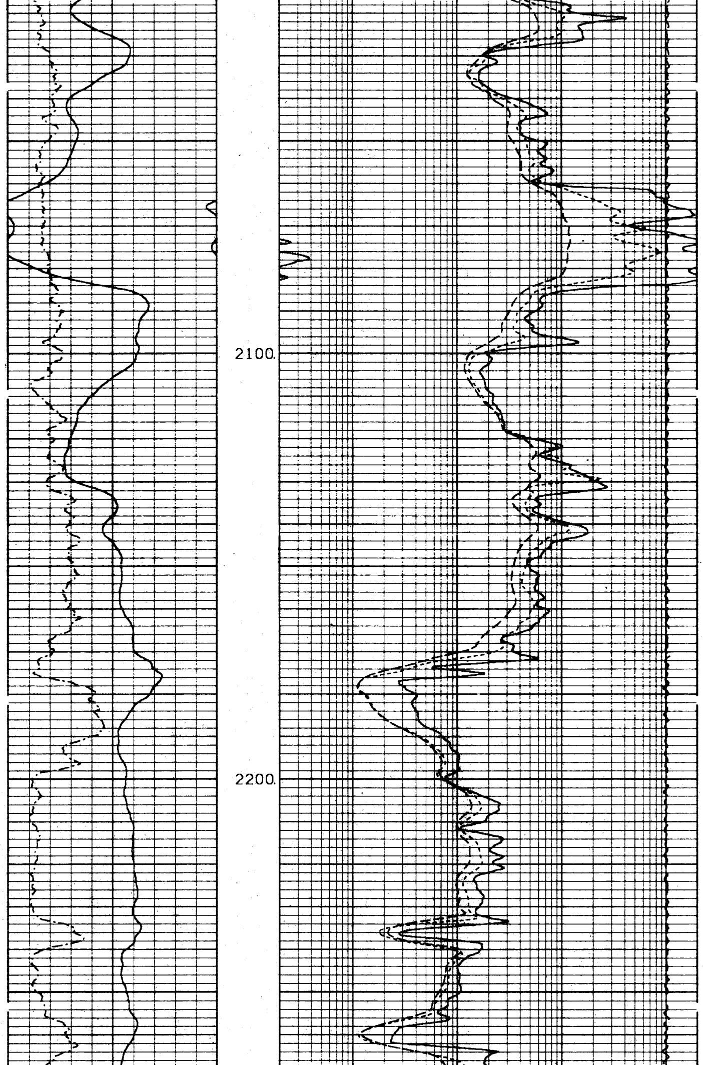


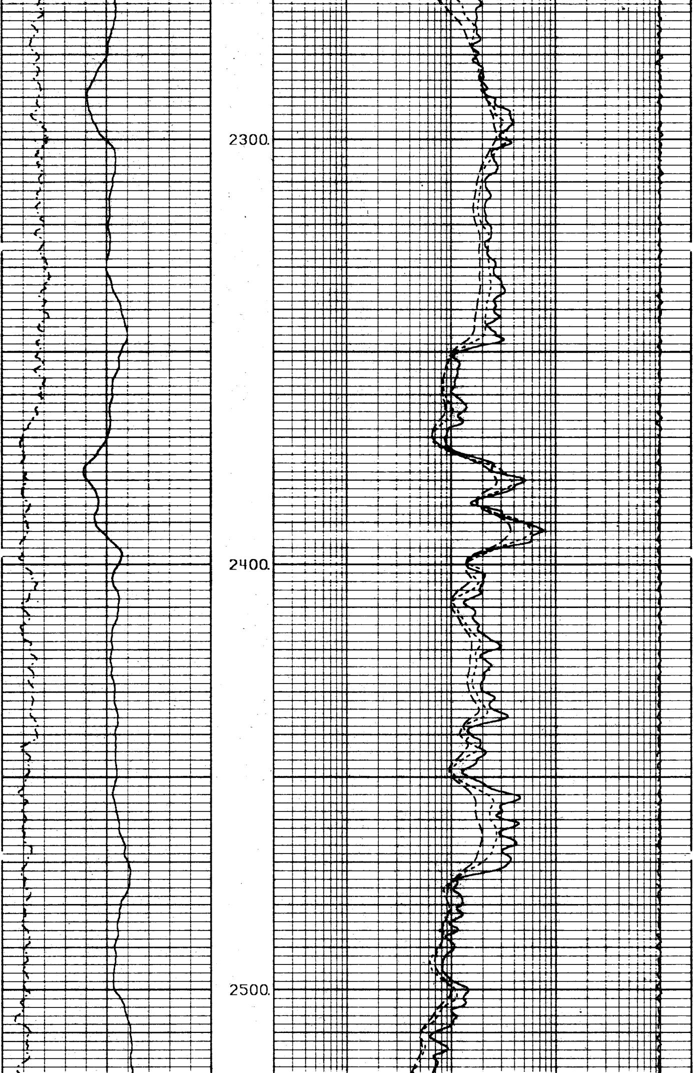


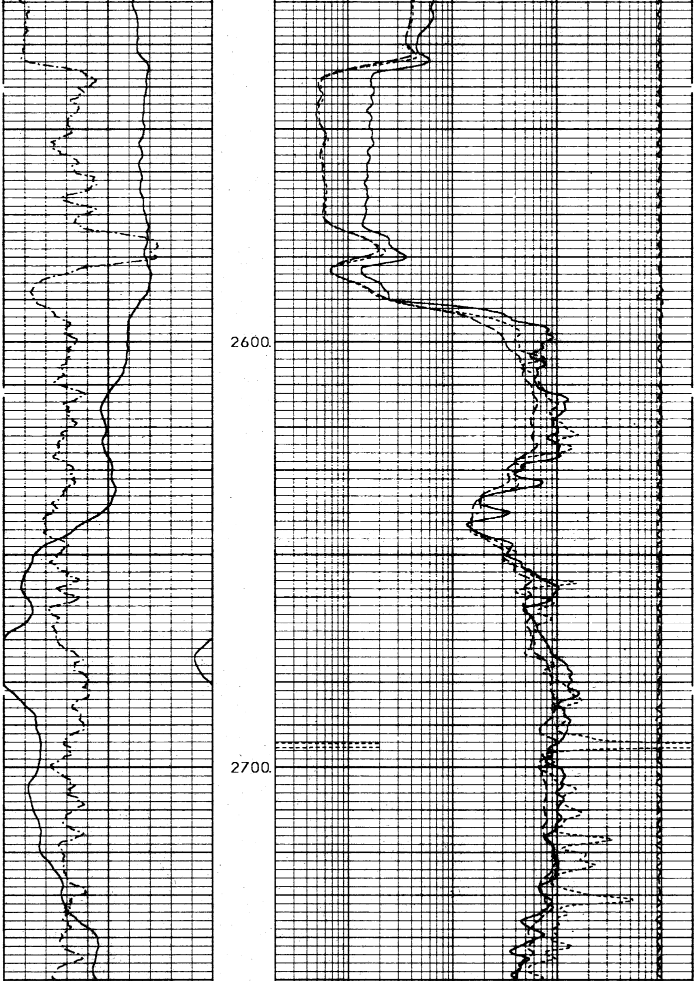


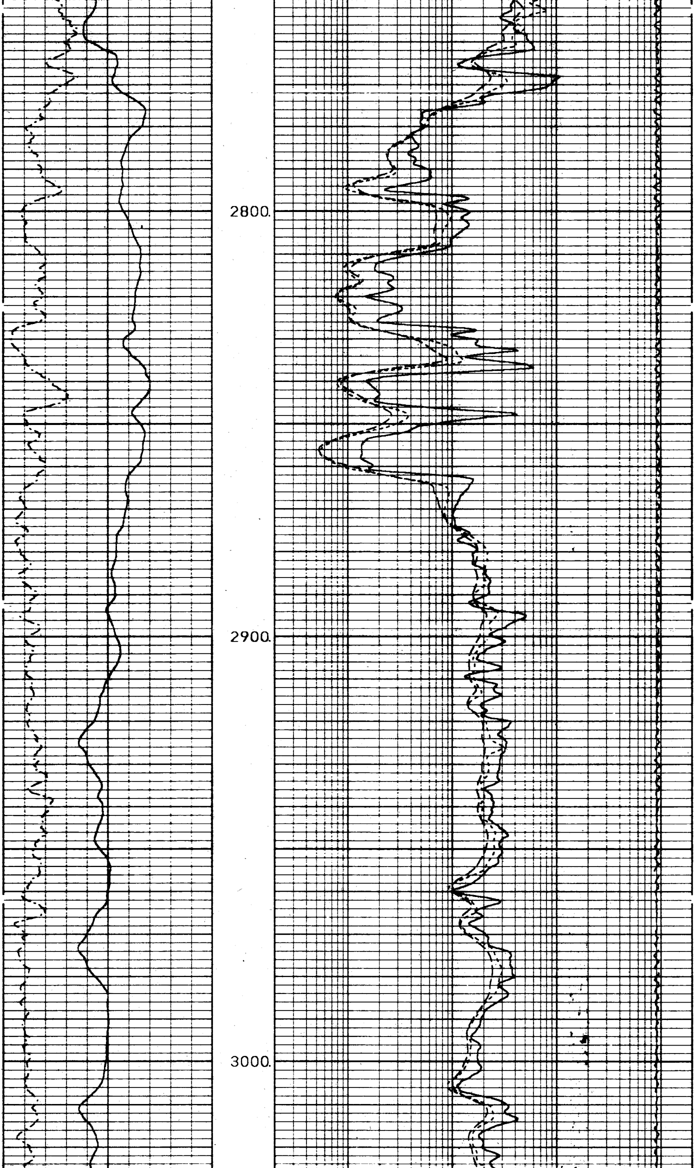


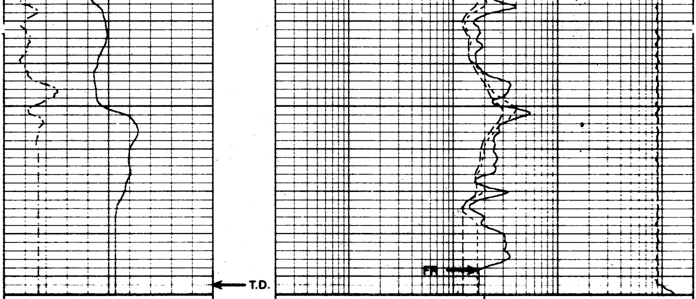












TENSION

10000 POUNDS 0

GUARD

0.2 OHM-M 2000

SP

MEDIUM IND.

-]10[+

0.2 OHM-M 2000

GAMMA RAY

DEEP IND.

0 API COUNTS 150

0.2 OHM-M 2000

UPLOG # 3 Depth: 3094.00 Service:2111. Unit:7626

Replay Log Date: 17-APR-1995 Time: 10:30:22 Vers:2.72